

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036638.D
 Acq On : 10 Sep 2018 23:34
 Operator : JU/SJ
 Sample : J4777-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-090718-C

Quant Time: Sep 11 03:10:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56699	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	241774	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	161170	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	393388	20.00	ng	0.00
75) Chrysene-d12	21.69	240	409987	20.00	ng	0.00
86) Perylene-d12	24.90	264	311935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	385977	107.99	ng	0.00
7) Phenol-d6	7.21	99	502338	98.16	ng	0.00
23) Nitrobenzene-d5	9.21	82	364312	81.76	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	206909	107.59	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	869989	77.07	ng	0.00
78) Terphenyl-d14	20.03	244	1410629	80.42	ng	0.00

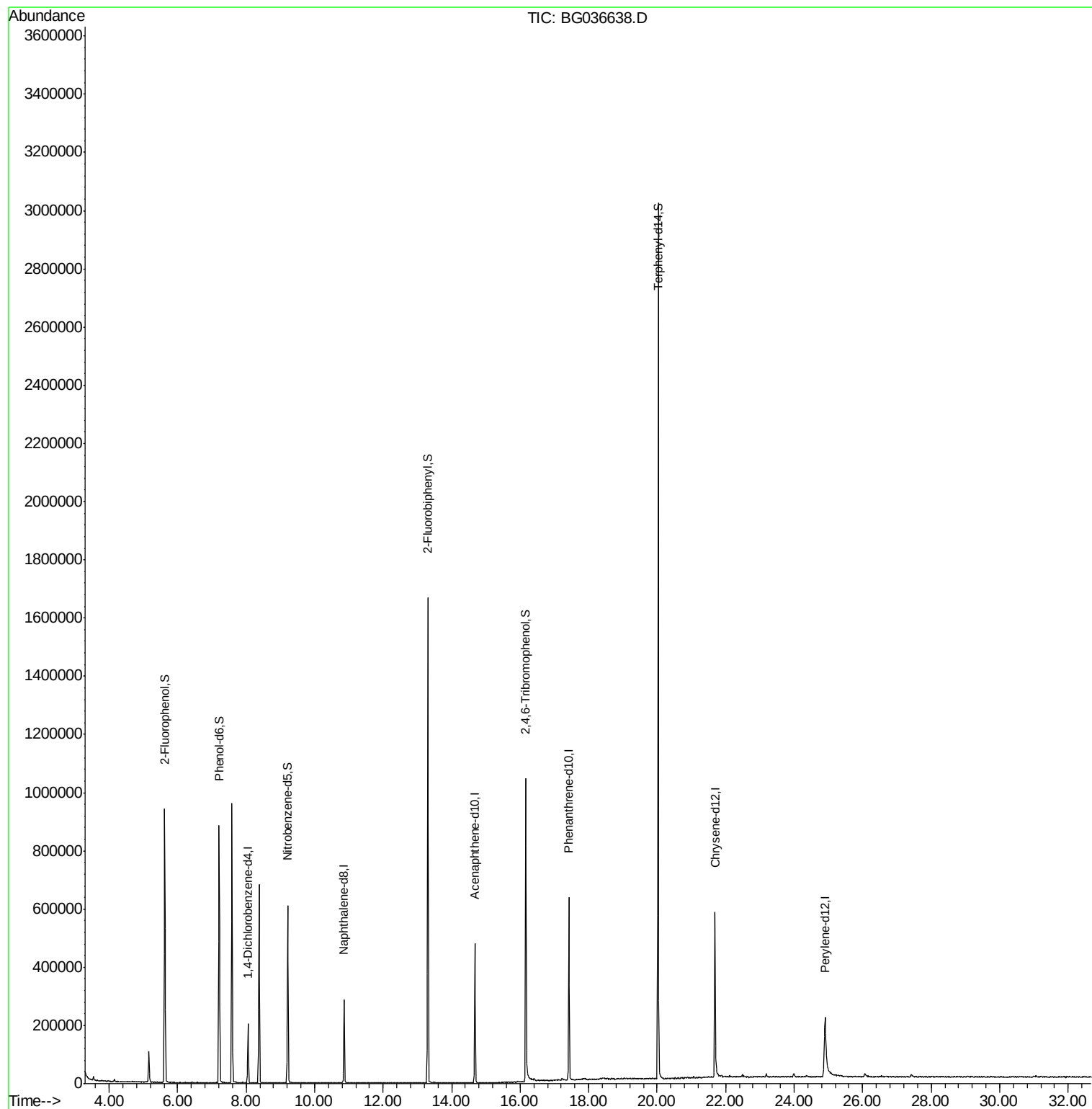
Target Compounds Qvalue

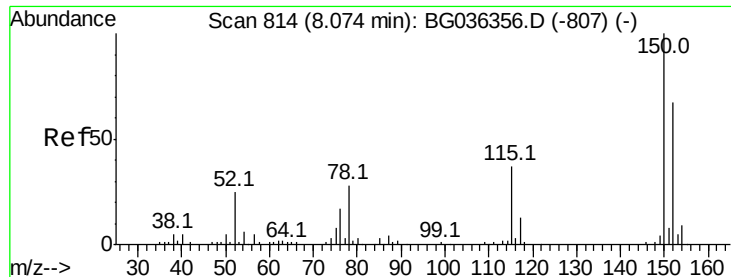
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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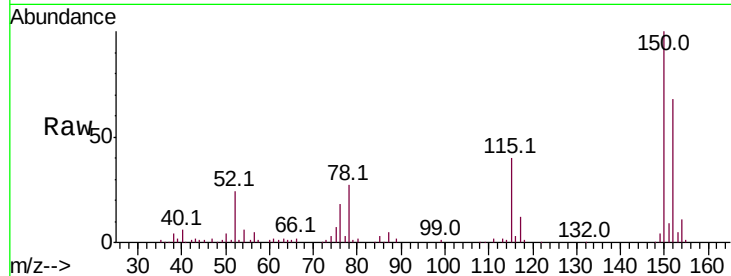


#1

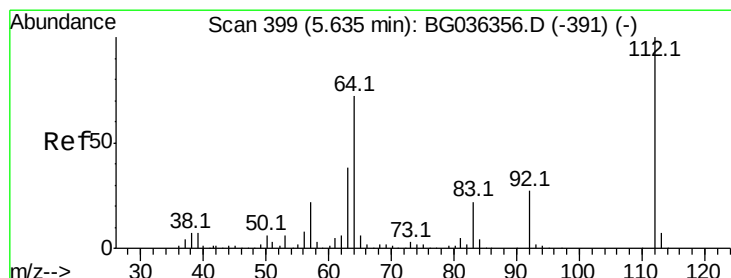
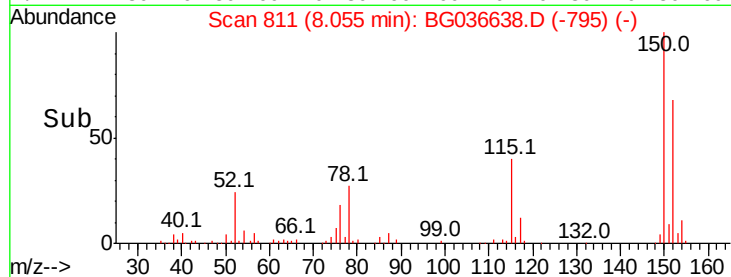
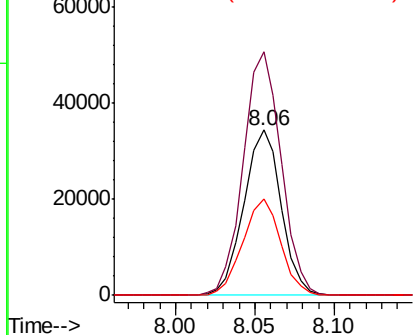
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036638.D
Acq: 10 Sep 2018 23:34

Instrument :
BNA_G
ClientSampleId :
PL-05-090718-C

Tot Ion:152 Resp: 56699
Ion Ratio Lower Upper
152 100
150 147.5 119.5 179.3
115 58.5 44.5 66.7



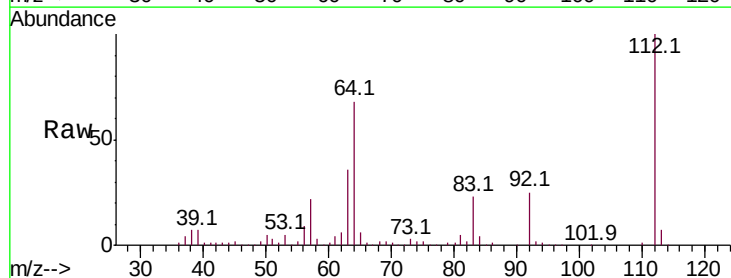
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



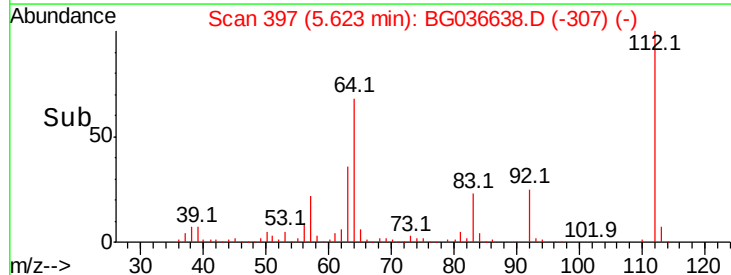
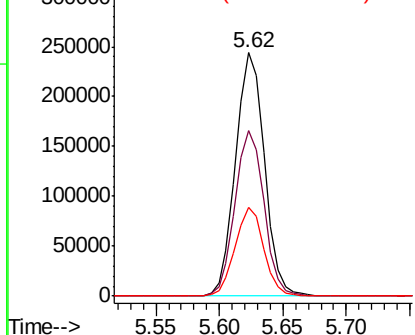
#5

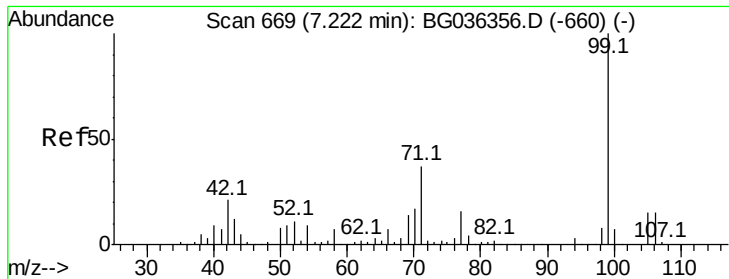
2-Fluorophenol
Concen: 107.987 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036638.D
Acq: 10 Sep 2018 23:34

Tgt Ion:112 Resp: 385977
Ion Ratio Lower Upper
112 100
64 68.2 57.2 85.8
63 36.3 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 98.160 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036638.D

Acq: 10 Sep 2018 23:34

Instrument :

BNA_G

ClientSampleId :

PL-05-090718-C

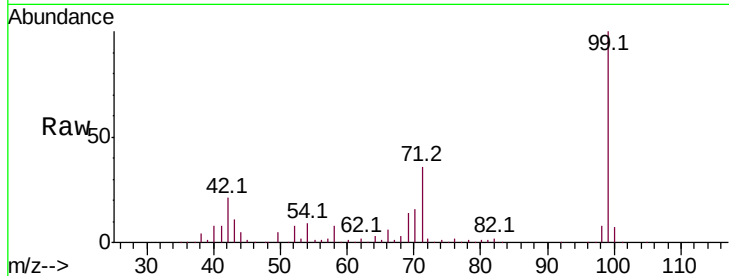
Tot Ion: 99 Resp: 502338

Ion Ratio Lower Upper

99 100

42 20.7 16.5 24.7

71 36.4 29.4 44.2

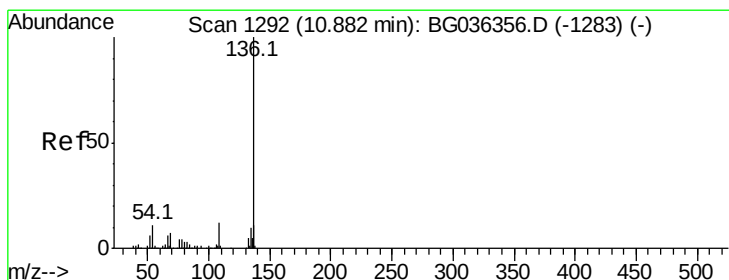
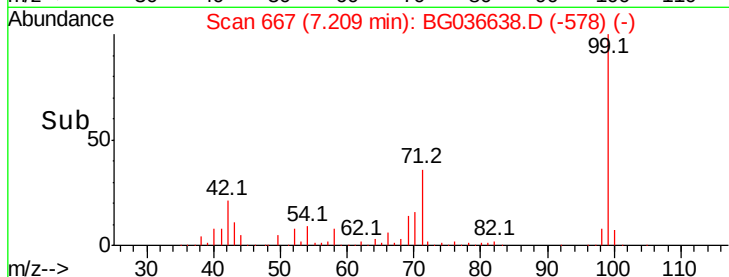
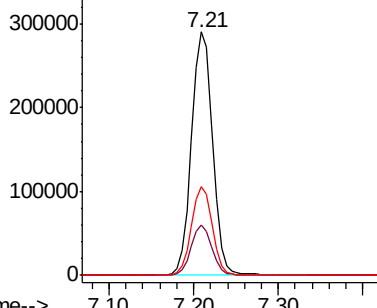


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036638.D

Acq: 10 Sep 2018 23:34

Tgt Ion: 136 Resp: 241774

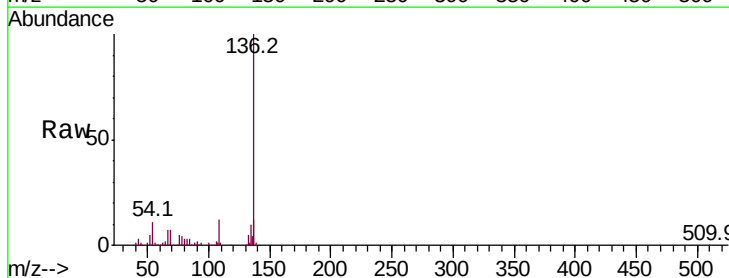
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 10.6 9.2 13.8

68 7.4 5.8 8.6



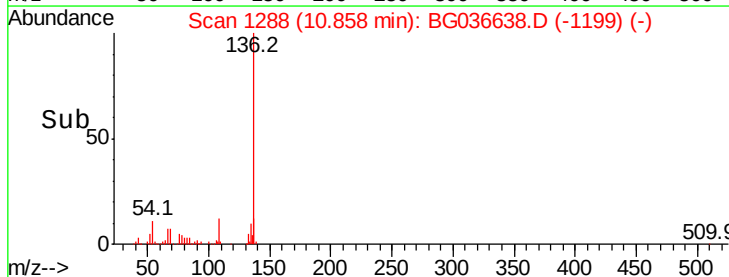
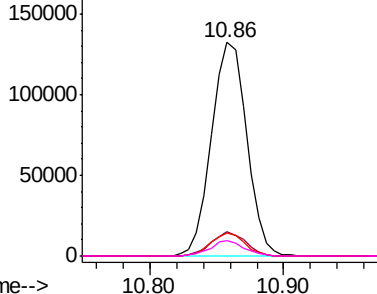
Abundance

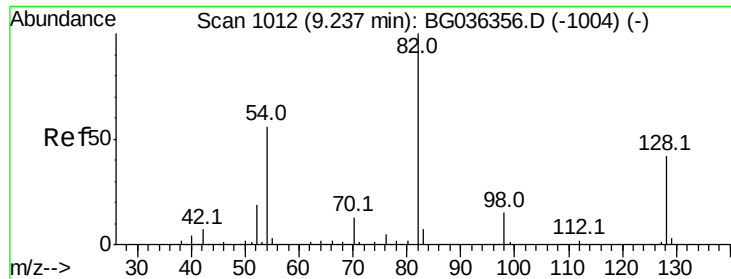
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

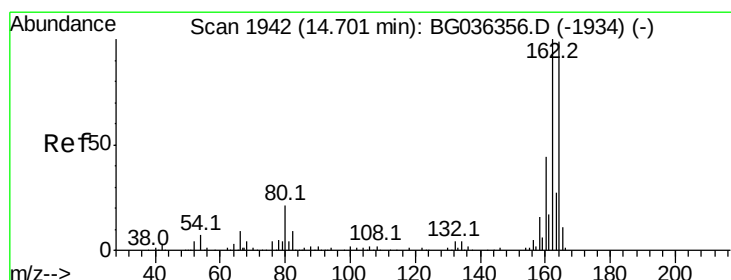
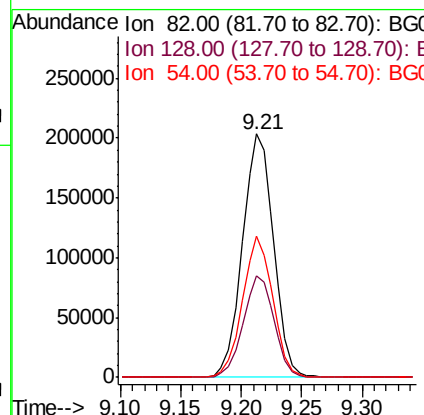
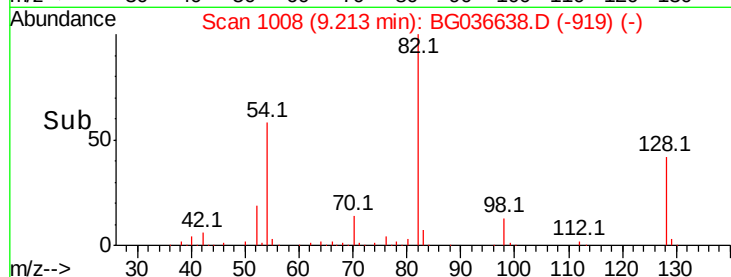
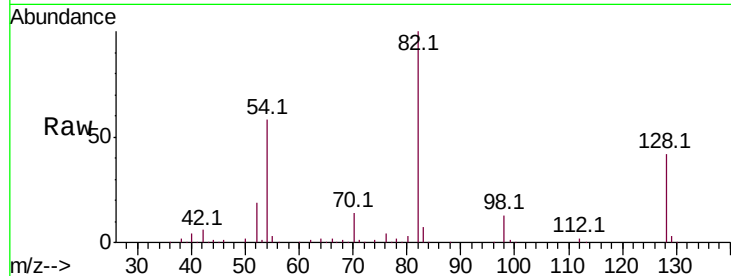




#23
 Nitrobenzene-d5
 Concen: 81.756 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036638.D
 Acq: 10 Sep 2018 23:34

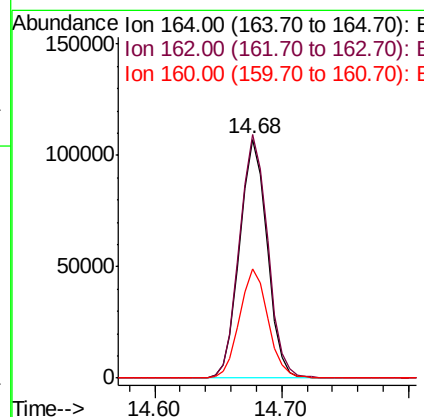
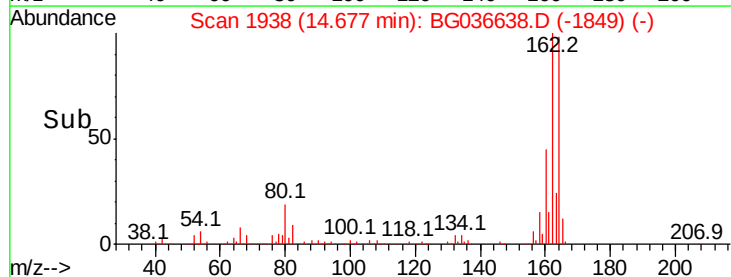
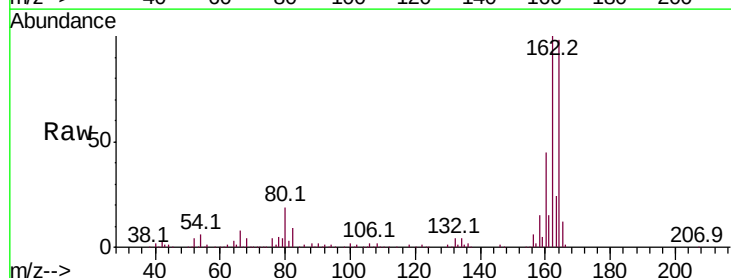
Instrument :
 BNA_G
 ClientSampleId :
 PL-05-090718-C

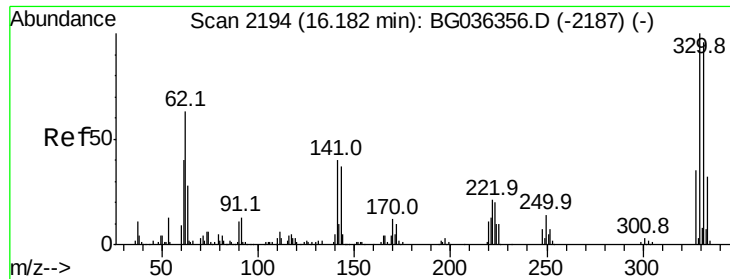
Tot Ion: 82 Resp: 364312
 Ion Ratio Lower Upper
 82 100
 128 41.7 33.3 49.9
 54 58.2 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036638.D
 Acq: 10 Sep 2018 23:34

Tgt Ion:164 Resp: 161170
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.7 121.1
 160 45.5 35.3 52.9

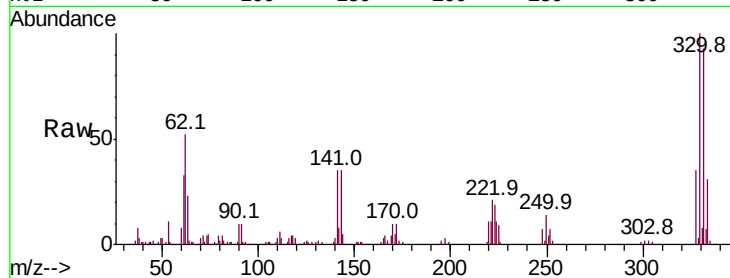




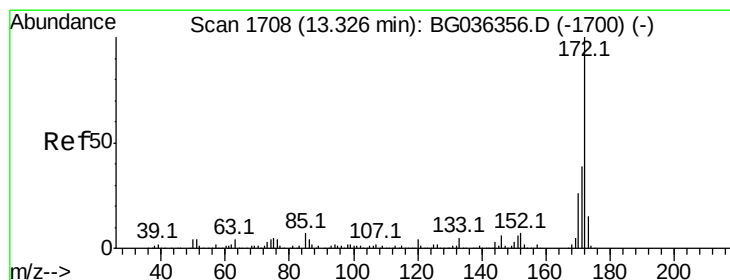
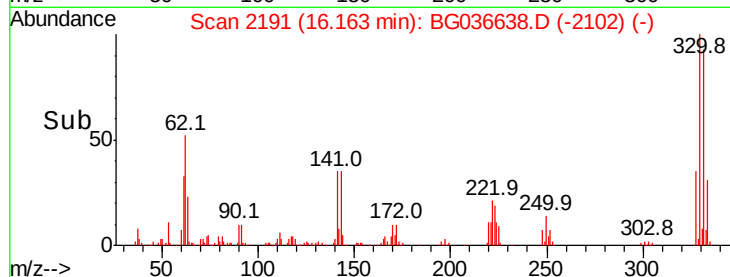
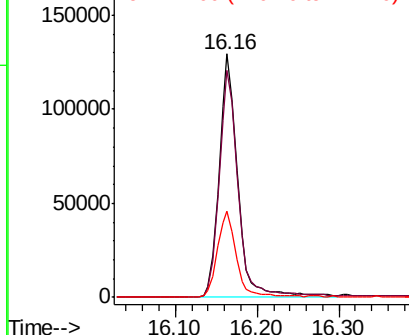
#41
 2,4,6-Tribromophenol
 Concen: 107.590 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036638.D
 Acq: 10 Sep 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-090718-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	75.4	113.2
141	36.0	30.7	46.1

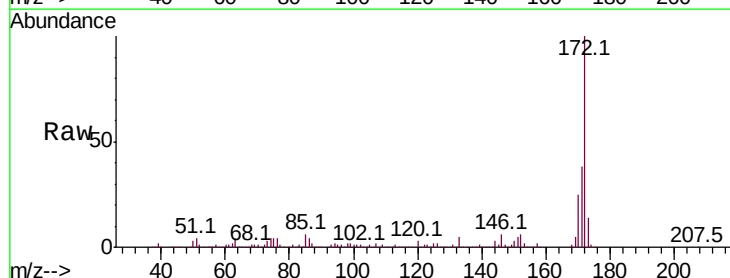


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

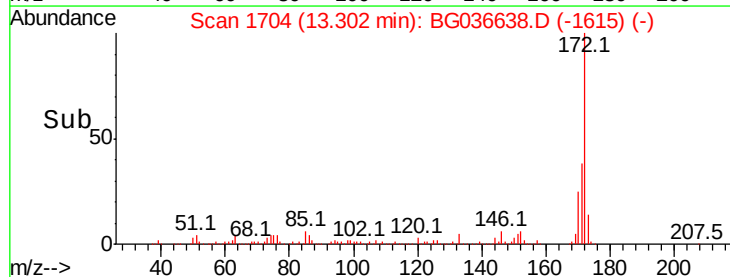
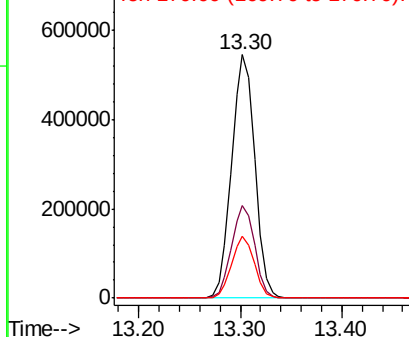


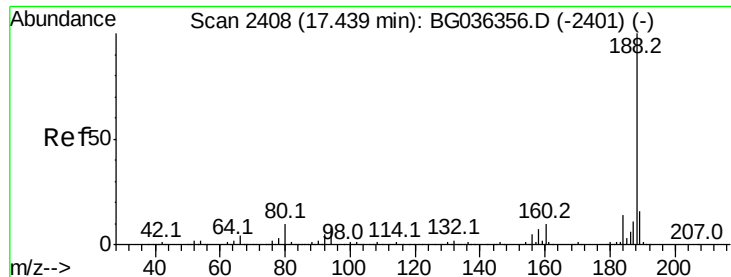
#44
 2-Fluorobiphenyl
 Concen: 77.073 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036638.D
 Acq: 10 Sep 2018 23:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	25.4	21.0	31.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

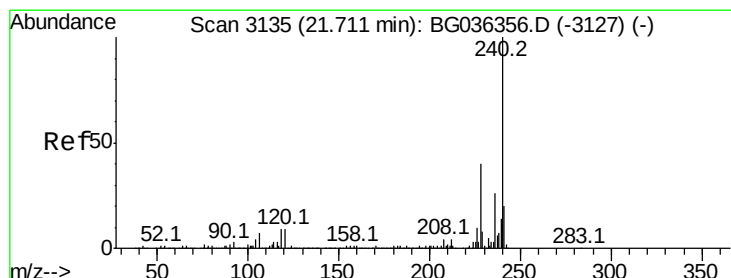
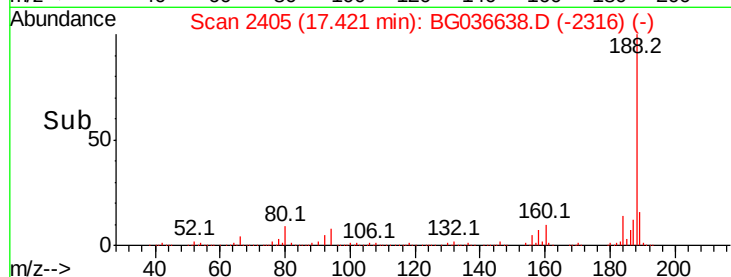
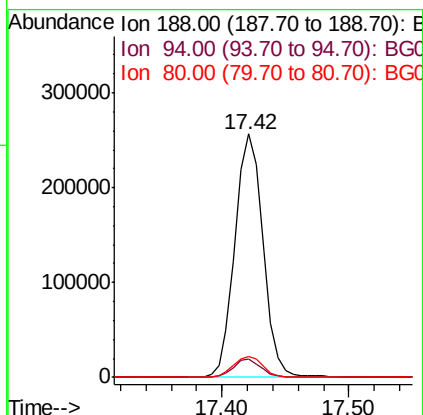
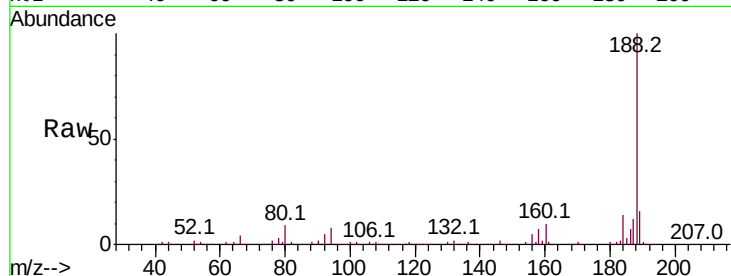




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036638.D
Acq: 10 Sep 2018 23:34

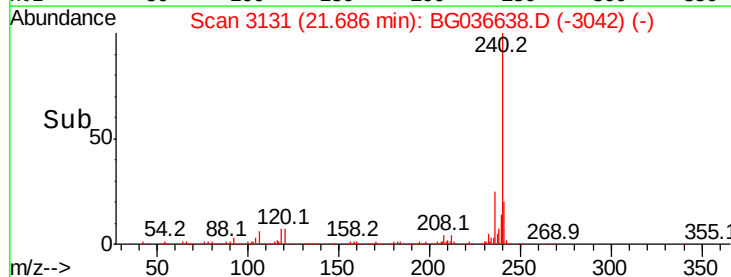
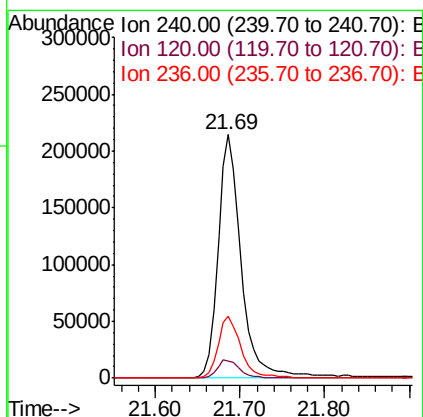
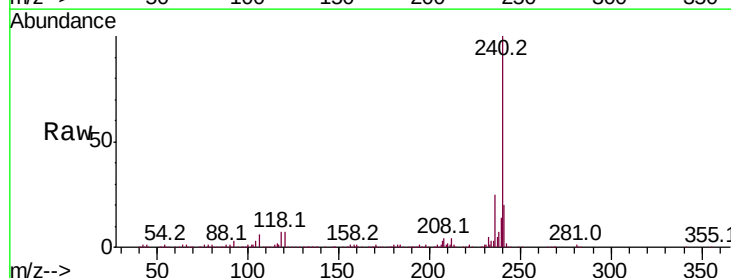
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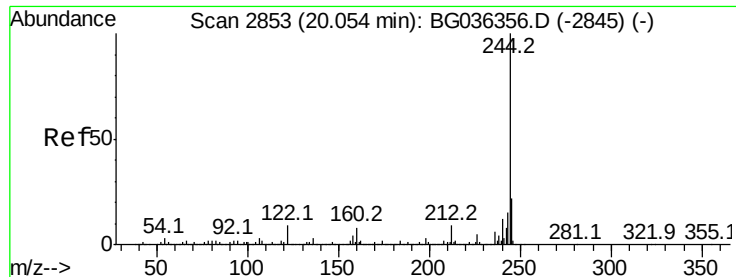
Tot Ion:188 Resp: 393388
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036638.D
Acq: 10 Sep 2018 23:34

Tgt Ion:240 Resp: 409987
Ion Ratio Lower Upper
240 100
120 7.1 6.9 10.3
236 25.3 21.2 31.8



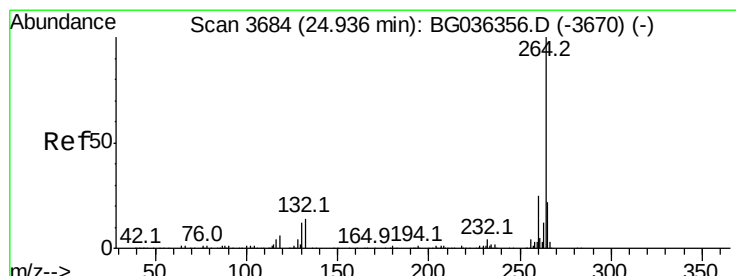
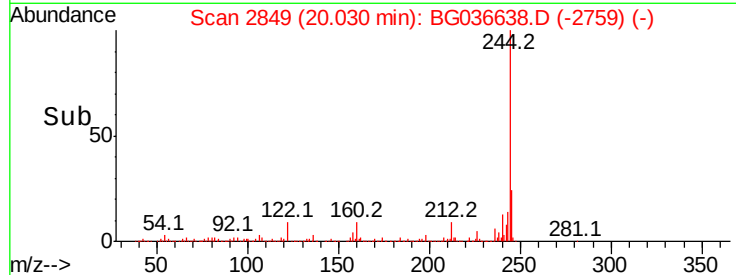
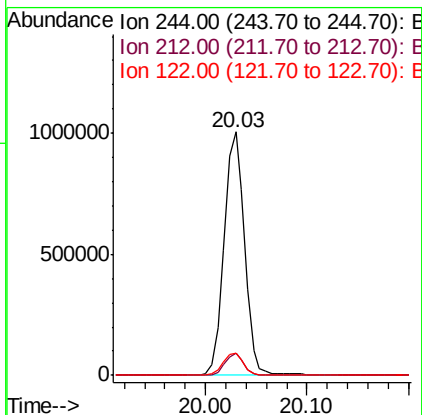
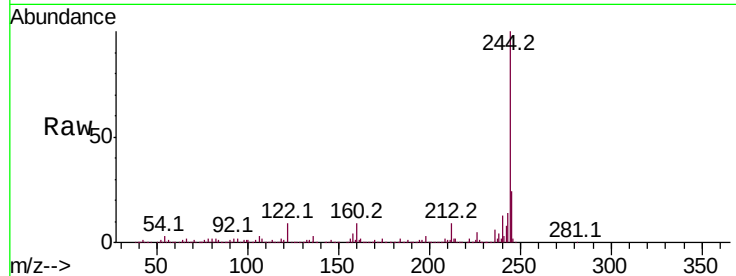


#78
 Terphenyl-d14
 Concen: 80.420 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036638.D
 Acq: 10 Sep 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-090718-C

Tot Ion:244 Resp: 1410629

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.1	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BG036638.D
 Acq: 10 Sep 2018 23:34

Tgt Ion:264 Resp: 311935

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	22.5	17.4	26.0

